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#### INFORMATION DISCLOSURE **STATEMENT**

(Use Several Sheets if necessary)

ATTY DOCKET NO. SERIAL NO. 10/706,545 61215A **APPLICANT** 

Robert J. Gulotty Jr. et al.

GROUP FILING DATE Unknown November 12, 2003

U.S. PATENT DOCUMENTS **CLASS** SUB-FILING DATE EXAMINER DOCUMENT DATE NAME CLASS IF APPROPRIATE NUMBER INITIAL Miller 23 219 2,204,733 June 18, 1940 Arganbright 260 655 Sept. 15, 1964 3,149,171 Harpring et al. 260 659 3,488,398 Jan. 6, 1970 683.3 260 3,629,354 Dec. 21, 1971 Beard et al. Yerres et al. 252 441 Jan. 11, 1972 3,634,330 Beard et al. 260 683.3 Feb. 22, 1972 3,644,561 April 18, 1972 Blake et al. 260 659 A 3,657,367 683.3 Beard et al. 260 3,658,933 April 25, 1972 683.3 3,658,934 April 25, 1972 Beard et al. 260 Beard et al. 252 441 Nov. 7, 1972 3,702,311 677 XA 260 3,769,362 Oct. 30, 1973 Beard et a.I Ward 260 654D Dec. 16, 1975 3,927,131 Obrecht et al. 260 658 3,968,178 July 6, 1976 July 6, 1976 Tsao 423 488 3,968,200 252 Croce et al. 462 4,025,461 May 24, 1997 4,042,640 Aug. 16, 1977 Tsao 260 659 Croce et al. 260 654A 4,046,821 Sept. 6, 1977 260 662 R 4,046,823 Sept. 6, 1977 Gordon et al Magistro 260 656 R Jul. 11, 1978 4,100,211 Lauder et al. 442 Aug. 29, 1978 4,110,251 4,230,668 Oct. 28, 1980 Sheely et al. 422 140 Li 570 224 4,300,005 Nov. 10, 1981 Boozalis et al. 570 220 4,319,062 March 9, 1982 Ω O DATE CONSIDERED

\*EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.

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\*EXAMINER:

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ATTY DOCKET NO.	SERIAL NO.
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Robert J. Gulotty Jr. et al.	
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EXAMINER INITIAL/)	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
al!	4,323,482	April 6, 1982	Stiles et al.	252	462	
10	4,329,525	May 11, 1982	Riegel et al.	570	191	
	4,375,569	Mar. 1, 1983	Kroenke et al.	570	224	
	4,402,942	Sept. 6, 1983	Melin	424	177	
	4,405,500	Sept. 20, 1983	Muller et al.	252	433	
1	4,460,669	Jul. 17, 1984	Convers et al.	502	84	
	4,462,970	Jul. 31, 1984	Pastor et al.	423	263	
	4,523,040	Jun. 11, 1985	Olah	568	671	
	4,528,174	Jul. 9, 1985	Schmidhammer et al.	423	488	
	4,529,410	Jul. 16, 1985	Khaladji et al.	51	309	
	4,590,216	May 20, 1986	Dombek	518	700	
1	4,727,201	Feb. 23, 1988	Cobb	570	202	
	4,737,594	April 12, 1988	Olah	570	222	
	4,754,088	Jun. 28, 1988	Schmidhammer et al.	570	247	
	4,766,103	Aug. 23, 1988	Cobb	502	217	
	4,769,504	Sept. 6, 1988	Noceti et al.	585	415	
	4,783,564	Nov. 8, 1988	Piotrowski et al.	570	254	
	4,849,562	Jul. 18, 1989	Buhs et al.	570	241	
	4,859,432	Aug. 22, 1989	David et al.	423	21.1	
1	4,899,000	Feb. 6, 1990	Stauffer	570	222	
	4,942,697	Jul. 24, 1990	Khaladji et al.	51	283 R	
	4,965,057	Oct. 23, 1990	David et al.	423	263	
3//	5,008,225	April 16, 1991	Magistro	502	73	
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Robert J. Gulotty Jr. et al.	

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DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
5,013,534	May 7, 1991	Dissaux et al.	423	263	
5,023,070	Jun. 11, 1991	Le Loarer	423	592	
5,061,670	Oct. 29, 1991	Forquy et al.	585	500	
5,072,063	Dec. 10, 1991	Langensee	570	236	
5,087,791	Feb. 11, 1992	Magistro	585	657	
5,097,083	Mar. 17, 1992	Stauffer	570	241	
5,099,085	Mar. 24, 1992	Strasser et al.	570	245	
5,113,027	May 12, 1992	Mainz et al.	570	224	
5,114,702	May 19, 1992	Pederson et al.	423	639	
5,137,862	Aug. 11, 1992	Mackrodt et al.	502	303	
5,178,664	Jan. 12, 1993	Picard	75	300	
5,179,215	Jan. 12, 1993	Ramachandran et al.	549	262	
5,210,358	May 11, 1993	Magistro	585	500	
5,227,549	Jul. 13, 1993	Correia et al.	570	243	
5,232,889	Aug. 3, 1993	Blanchard et al.	502	263	10'-
5,262,547	Nov. 16, 1993	Ramachandran et al.	549	262	
5,352,646	Oct. 4, 1994	Blanchard et al.	502	263	
5,397,758	Mar. 14, 1995	Bouruetaubertot et al.	502	303	
5,453,557	Sept. 26, 1996	Harley et al.	585	641	
5,466,837	Nov. 14, 1995	Ramachandran et al.	549	533	
5,492,878	Feb. 20, 1996	Fujii et al.	502	304	
5,496,528	Mar. 5, 1996	David et al.	423	263	
5,510,546	April 13, 1996	Ito	570	236	
	NUMBER 5,013,534 5,023,070 5,061,670 5,072,063 5,087,791 5,097,083 5,099,085 5,113,027 5,114,702 5,137,862 5,178,664 5,179,215 5,210,358 5,227,549 5,232,889 5,262,547 5,352,646 5,397,758 5,453,557 5,466,837 5,496,528	NUMBER 5,013,534 May 7, 1991 5,023,070 Jun. 11, 1991 5,061,670 Oct. 29, 1991 5,072,063 Dec. 10, 1991 5,087,791 Feb. 11, 1992 5,097,083 Mar. 17, 1992 5,099,085 Mar. 24, 1992 5,113,027 May 12, 1992 5,114,702 May 19, 1992 5,137,862 Aug. 11, 1992 5,178,664 Jan. 12, 1993 5,179,215 Jan. 12, 1993 5,210,358 May 11, 1993 5,227,549 Jul. 13, 1993 5,232,889 Aug. 3, 1993 5,232,889 Aug. 3, 1993 5,262,547 Nov. 16, 1993 5,352,646 Oct. 4, 1994 5,397,758 Mar. 14, 1995 5,453,557 Sept. 26, 1996 5,466,837 Nov. 14, 1995 5,492,878 Feb. 20, 1996 5,496,528 Mar. 5, 1996	NUMBER 5,013,534 May 7, 1991 Dissaux et al.  5,023,070 Jun. 11, 1991 Le Loarer  5,061,670 Oct. 29, 1991 Forquy et al.  5,072,063 Dec. 10, 1991 Langensee  5,087,791 Feb. 11, 1992 Magistro  5,097,083 Mar. 17, 1992 Stauffer  5,099,085 Mar. 24, 1992 Strasser et al.  5,113,027 May 12, 1992 Mainz et al.  5,114,702 May 19, 1992 Pederson et al.  5,137,862 Aug. 11, 1992 Mackrodt et al.  5,178,684 Jan. 12, 1993 Picard  5,179,215 Jan. 12, 1993 Ramachandran et al.  5,227,549 Jul. 13, 1993 Magistro  5,227,549 Aug. 3, 1993 Blanchard et al.  5,352,646 Oct. 4, 1994 Blanchard et al.  5,397,758 Mar. 14, 1995 Ramachandran et al.  5,453,557 Sept. 26, 1998 Harley et al.  5,496,628 Mar. 5, 1996 David et al.	NUMBER   5,013,534   May 7, 1991   Dissaux et al.   423	NUMBER 5,013,534 May 7, 1991 Dissaux et al. 423 263 5,023,070 Jun. 11, 1991 Le Loarer 423 592 5,061,670 Oct. 29, 1991 Forquy et al. 585 500 5,072,063 Dec. 10, 1991 Langensee 570 236 5,087,791 Feb. 11, 1992 Magistro 585 657 5,097,083 Mar. 17, 1992 Stauffer 570 241 5,099,085 Mar. 24, 1992 Strasser et al. 570 245 5,113,027 May 12, 1992 Mainz et al. 570 224 5,114,702 May 19, 1992 Pederson et al. 423 639 5,137,862 Aug. 11, 1992 Mackrodt et al. 502 303 5,178,684 Jan. 12, 1993 Picard 75 300 5,179,215 Jan. 12, 1993 Ramachandran et al. 549 262 5,227,549 Jul. 13, 1993 Ramachandran et al. 502 263 5,227,549 Jul. 13, 1993 Ramachandran et al. 502 263 5,262,547 Nov. 16, 1993 Ramachandran et al. 549 262 5,352,646 Oct. 4, 1994 Blanchard et al. 502 263 5,397,758 Mar. 14, 1995 Ramachandran et al. 549 262 5,453,557 Sept. 26, 1996 Ramachandran et al. 549 533 5,492,878 Feb. 20, 1996 Ramachandran et al. 549 533 5,492,878 Feb. 20, 1996 Ramachandran et al. 549 533 5,496,528 Mar. 5, 1996 David et al. 502 304

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ATTY DOCKET NO.

61215A

SERIAL NO.

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APPLICANT

Robert J. Gulotty Jr. et al.

FILING DATE GROUP

November 12, 2003 Unknown

U.S. PATENT DOCUMENTS **CLASS** SUB-FILING DATE DATE NAME **EXAMINER DOCUMENT CLASS** IF APPROPRIATE NUMBER Yao et al. 423 263 Dec. 3, 1996 5,580,536 **Poncelet** 343 5,599,588 Feb. 4, 1997 Chen et al. 570 230 5,600,042 Feb. 4, 1997 205 202 5,607,890 Mar. 4, 1997 Chen et al. Acharya et al. 549 259 5,646,304 Jul. 8, 1997 502 304 Ahn et al. 5,663,112 Sept. 2, 1997 Clegg et al 570 224 Sept. 2, 1997 5,663,465 641 585 Benson et al. Sept. 2, 1997 5.663,472 641 Jan. 6, 1998 Viswanathan et al. 585 5,705,728 Clegg et al 570 224 Mar. 17, 1998 5,728,905 263 423 Jun. 9, 1998 Takatori et al. 5,762,894 570 224 Clegg et al June 9, 1998 5,763,710 Suciu 502 355 5,773,383 June 30, 1998 Chen et al. 502 217 Feb. 23, 1999 5,874,380 467 585 Chen et al. Mar. 2, 1999 5,877,371 302 Mar. 9, 1998 Moriya et al. 502 5,880,058 502 308 Chopin et al. Mar. 16, 1999 5,883,037 302 April 27, 1999 Wu et al. 502 5,898,014 570 243 Seo et al. May 18, 1999 5,905,177 304 Brezny 502 5,919,727 Jul. 6, 1999 Alario et al. 502 230 Jul. 13, 1999 5,922,639 White et al. 502 302 5,925,590 Jul. 20, 1999 Trubenbach et al. 527.14 5,935,897 Aug. 10, 1999 8 & L DATE CONSIDERED 1 **EXAMINER** 

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 		61215A 10/706,545				
INFORI	MATION DISCL	OSURE	APPLICANT			
	STATEMENT		Robert J. Gulotty Jr. et al.			
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			November 12, 2003		Unknown	
		U.S	PATENT DOCUMENTS			
EXAMINER JUNITUAL)	DOCUMENT NUMBER	DATE	NAME	CLAS	S SUB- CLASS	FILING DATE
Sall	5,935,898	Aug. 10, 1999	Trubenbach et al.	502	527.14	
	5,945,370	Aug. 31, 1999	Yokoi et al.	502	304	
	5,945,573	Aug. 31, 1999	Nappa et al	570	175	
	5,955,638	Sept. 21, 1999	Schoebrechts et al.	570	232	
	5,969,195	Oct. 19, 1999	Stabel et al.	568	700	
	5,972,827	Oct. 26, 1999	Petit et al.	502	225	
	5,972,830	Oct. 26, 1999	Yoshida et al.	502	304	
	5,994,260	Nov. 30, 1999	Bonneau et al.	502	304	
	6,002,019	Dec. 14, 1999	Tamhankar et al.	549	285	
	6,090,743	Jul. 18, 2000	Chopin et al.	502	302	
	6,136,048	Oct. 24, 2000	Birchem et al.	44	354	
	6,165,931	Dec. 26, 2000	Rao	502	224	
	6,191,329	Feb. 20, 2001	Benje	570	243	
	6,194,345	Feb. 27, 2001	Mangnus et al.	502	224	
	6,228,799	May 8, 2001	Aubert et al.	502	304	
2//	6,452,058	Sept. 17, 2002	Schweizer et al.	570	223	
		FORE	EIGN PATENT DOCUMENTS			
9//	01/38272	May 31, 2001	PCT	1		
7/	01/38273	May 31, 2001	PCT			
	01/38274	May 31, 2001	PCT		X	
	01/38275	May 31, 2001	PCT			
	01/42176	June 14, 2001	PCT	1 1		
14	02/094749	Nov. 28, 2002	PCT	1		
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V V	NUMBER 02/094750 A1	Nov. 28, 2002	PCT	i.		
	02/094751 A3	Nov. 28, 2002	PCT		//	
	02/094752	Nov. 28, 2002	PCT			
	1 039 369	Aug. 17, 1966	Great Britain			
	1 040 962	Sept. 1, 1966	Great Britain			
	1 062 171	March 15, 1967	Great Britain		7	
	1 141 369	Jan. 29, 1969	Great Britain	C07C	19/02	
	1 213 202	Nov. 25, 1970	Great Britain	C07C	21/06	
	1 343 724	Jan. 16, 1874	Great Britain	-		
	1 373 296	Nov. 6, 1974	Great Britain	C07C	17/10	
	1 475 358	June 1, 1977	Great Britain	C07C	17/15	
	1 492 945	Nov. 23, 1977	Great Britain			
	2 095 242	Sept. 29, 1982	Great Britain			
	2 101 596	Jan. 19, 1993	Great Britain			
	237 058 A3	July 2, 1986	Germany (English Abstract)			×
	0 162 457 B1	July 26, 1989	Europe	C07C	17/34	
	0 372 183 B1	Jan. 1, 1997	Europe	C07C	11/107	
	0 667 845 B1	Jan. 14, 1998	Europe	C07C	17/154	
	0 720 975 A1	July 10, 1996	Europe	C07C	17/154	<del>                                     </del>
0	1 594 693	July 17, 1970	France (English Abstract)			×
-			uthor, Title, Date, Pertinent Pages, Place of			EPAL VOL 159
911	Au, C. T. et al., 'The oxidative coupling of methane over BaCO <sub>3</sub> /LaOCI catalysts", APPLIED CATALYSIS A: GENERAL, Vol. 159 (1997) pp. 133 -145					
0//2	Chanaud, P. et al., "Catalytic Membrane Reactor for Oxidative Coupling of Methane. Part 1: Preparation and Characterization of					
Chanaud, P. et al., "Study of Lanthanum-based Colloidal Sols Formation", JOURNAL OF MATERIALS SCIENCE, Vol. 29 (1994) pp. 4244-4251						
EXAMINER -	210	~	DATE CONSIDERED	4/8/0	4	
*EXAMINER:	Initial if citation considered,	whether or not citation is	s in conformance with MPEP 609. Draw line throug	th citation if not	in/conformance	
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-0	OTHER DISCLOSURES (Including Author	or, Title, Date, Pertinent Pages, Place of Publication	n, Etc.)		
	Conner, Jr., Wm. Curtis et al., "The Oxyhydr Surface Analysis", APPLIED CATALYS	ochlorination of Methane on Fumed Silica-Based Ci	ı, K, La Catalysts: III Bulk &		
1	Conner, Jr., Wm. C. et al., "The Oxyhydroch Stoichiometry", APPLIED CATALYSIS	lorination of Methane on Fumed Silica-Based Cu, K , Vol. 11 (1984) pp. 49-58			
<del></del>	Fells, Ian, "The Kinetics of the Hydrolysis of	the Chlorinate Methanes", FUEL SOCIETY JOURN	AL, Vol. 10 (1959) pp. 26-35		
	Fortini, E. M. et al., "Stabilization of the Activ JOURNAL OF CATALYSIS, Vol. 99 (1)	e Phase by Interaction with the Support in CuCl2 On	cychlorination Catalysts*,		
	Lance F. T. et al. "Preparation, Phase Equi	ilibria, and Crystal Chemistry of Lanthanum, Praseo OLID STATE CHEMISTRY, Vol. 17 (1976) pp. 55-6	dymium, and Neodymium 0		
	Lin S. et al "Ovidative Dehydrogenation of I	Ethane over Lanthanum-Substituted Layered Compl OF JAPAN, CHEMISTRY LETTERS (1997) pp. 90	ex Bismuth Chloride Oxide		
	McDonald, Mark A. et al., "Effects of Pressu Vol. 49, No. 24A (1994) pp. 4627-4637	re on the Oxyhydrochlorination of Methane", CHEMI	CAL ENGINEERING SCIENCE,		
	Miyake, Takanori et al., "Screening of Metal Vol. 121, No. 1 (1995) pp. L13-L17	Chloride Catalysts for Oxychlorination of Propene",			
	Noceti, Richard P. et al., "Advances in Metho SOCIETY, Washington, DC (1992) pp.	ane Oxyhydrochlorination Catalysts", PREPRINTS, . 281-283	AMERICAN CHEMICAL		
	Olah, George A. et al., "Selective Monohalog	genation of Methane over Supported Acid or Platinu	m Metal Catalysts and		
1	Hydrolysis of Methyl Halides over Y-Al	umina-Supported Metal Oxide/Hydroxide Catalysts.	A Feasible Path for the		
<b>\</b>	Oxidative Conversion of Methane into	Methyl Alcohol/Dimethyl Ether, AMERICAN CHEM	ICAL SOCIETY, Vol. 107,		
	No. 24 (1985) pp. 7097-7105  Patent Abstracts of Japan, Vol. 004, No. 190	0 (26 December 1980) (Corresponds to JP 55 1309:	23)		
	Pieters, W.J.M. et al., "The Oxyhydrochlorin Synthesis", APPLIED CATALYSIS, Vo	ation of Methane on Furned Silica – Based Cu <sup>+1</sup> , k bl. 11 (1984) pp. 35-48	K, La Catalysts: I. Catalyst		
	pp. 99-104	of Lanthanum and Neodymium Oxides", MATERIAL			
	CHEM. PHYS., Vol. 1 (1999) pp. 3157	sorption of Carbon Tetrachloride on Lanthanum and -3162			
	Weissermel, K. et al., INDUSTRIAL ORGAN	NIC CHEMISTRY, 2 <sup>nd</sup> Edition, VCH, Weinheim (199	3) pp. 168-175		
	comprising chloride of samarium, chro	yl chloride prepn. from propylene, hydrogen chloride omium, manganese or praseodymium*, Research Di	and oxygen - using catalyst sclosure RD-175041,		
	HCI", filed in the United States Receiv	m Ethane and Ethylene with Secondary Reactive Coing Office on May 14, 2002, USSN 10/130,105, App	nsumption of Reactor Effluent licant: Mark E. Jones et al.		
	(Corresponds to WO 01/38272)	oon Feedstocks*, filed in the United States Receiving			
	10/130,105, Applicant: Mark E. Jones	et al. (Corresponds to WO 02/09749)			
	United States Receiving Office on Nov	m Ethane and Ethylene with Air Feed and Alternativ v. 11, 2003, USSN 10/477,502, Applicant: William D	. Clarke et al. (Corresponds to		
	Office on May 14, 2002, USSN 10/130	Using Rare Earth Halide or Oxyhalide Catalyst", filed 0,106, Applicant: Larry N. Ito et al. (Corresponds to V	WO 01/38275)		
	"Oxidative Halogenation and Optional Dehydrogenation of C3+ Hydrocarbons", filed in the United States Receiving Office on Nov. 18, 2003, USSN 10/478,265, Applicant: Albert E. Schweizer et al. (Corresponds to WO 02/094750)				
	the United States Receiving Office on	o Vinyl Chloride, and Novel Catalyst Compositions of May 14, 2002, USSN 10/130,104, Applicant: Mark	E. Jones et al. (Corresponds to		
XM	*Process for Vinyl Chloride Manufacture Fro the United States Receiving Office on WO 01/42176)	om Ethane and Ethylene with Partial HCI Recovery I May 14, 2002, USSN 10/130,102, Applicant: John	P. Henley et al. (Corresponds to		
201	*Process for Vinyl Chloride Manufacture Fro	om Ethane and Ethylene with Partial HCI Recovery land May 14, 2002, USSN 10/130,103, Applicant: Danie	From Reactor Effluent*, filed in IA. Hickman et al. (Corresponds		
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FILING DATE **GROUP** November 12, 2003 Unknown

			I.S. PATENT DOCUMENTS			
EXAMINER INJUNE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATI
9/	2,204,733	June 18, 1940	Miller	23	219	
7	3,149,171	Sept. 15, 1964	Arganbright	260	655	
	3,488,398	Jan. 6, 1970	Harpring et al.	260	659	
	3,629,354	Dec. 21, 1971	Beard et al.	260	683.3	
	3,634,330	Jan. 11, 1972	Yerres et al.	252	441	
	3,644,561	Feb. 22, 1972	Beard et al.	260	683.3	
1	3,657,367	April 18, 1972	Blake et al.	260	659 A	
1	3,658,933	April 25, 1972	Beard et al.	260	683.3	
	3,658,934	April 25, 1972	Beard et al.	260	683.3	
	3,702,311	Nov. 7, 1972	Beard et al.	252	441	
	3,769,362	Oct. 30, 1973	Beard et a.l	260	677 XA	
	3,927,131	Dec. 16, 1975	Ward	260	654D	
	3,968,178	July 6, 1976	Obrecht et al.	260	658	
	3,968,200	July 6, 1976	Tsao	423	488	
	4,025,461	May 24, 1997	Croce et al.	252	462	
	4,042,640	Aug. 16, 1977	Tsao	260	659	
	4,046,821	Sept. 6, 1977	Croce et al.	260	654A	
	4,046,823	Sept. 6, 1977	Gordon et al	260	662 R	
	4,100,211	Jul. 11, 1978	· Magistro	260	656 R	
	4,110,251	Aug. 29, 1978	Lauder et al.	252	442	
	4,230,668	Oct. 28, 1980	Sheely et al.	422	140	
20	4,300,005	Nov. 10, 1981	u.	570	224	
920	4,319,062	March 9, 1982	Boozalis et al.	570	220	
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Unknown November 12, 2003 U.S. PATENT DOCUMENTS CLASS SUB-FILING DATE EXAMINER DOCUMENT DATE NAME INITIAL CLASS IF APPROPRIATE NUMBER Stiles et al. 252 462 April 6, 1982 4,323,482 May 11, 1982 Riegel et al. 570 191 4,329,525 Mar. 1, 1983 Kroenke et al. 570 224 4.375,569 177 424 Melin 4,402,942 Sept. 6, 1983 Sept. 20, 1983 Muller et al. 252 433 4,405,500 Convers et al. 502 84 4,460,669 Jul. 17, 1984 263 4,462,970 Jul. 31, 1984 Pastor et al. 423 Olah 568 671 Jun. 11, 1985 4,523,040 488 4,528,174 Jul. 9, 1985 Schmidhammer et al. 423 Khaladji et al. 51 309 Jul. 16, 1985 4,529,410 700 4,590,216 May 20, 1986 Dombek 518 Cobb 570 202 Feb. 23, 1988 4,727,201 April 12, 1988 Olah 222 4,737,594 Jun. 28, 1988 Schmidhammer et al. 570 247 4,754,088 502 217 Cobb Aug. 23, 1988 4,766,103 415 4,769,504 Sept. 6, 1988 Noceti et al. 585 Piotrowski et al. 570 254 Nov. 8, 1988 4,769,584 570 241 4,849,562 Jul. 18, 1989 Buhs et al. Aug. 22, 1989 David et al. 423 21.1 4,859,432 Stauffer 570 222 Feb. 6, 1990 4,899,000 283 R Jul. 24, 1990 Khaladji et al. 51 4,942,697 Oct. 23, 1990 David et al. 423 263 4,965,057 Magistro 502 73 5,008,225 April 16, 1991 00 DATE CONSIDERED €. **EXAMINER** 

FILING DATE

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CVANUALED	DOCUMENT	DATE	NAME	CLASS	SUB-	FILING DATE
EXAMINER INITIAL	NUMBER	DATE	Toute	05.00	CLASS	IF APPROPRIATE
//, ()	5,013,534	May 7, 1991	Dissaux et al.	423	263	
	5,023,070	Jun. 11, 1991	Le Loarer	423	592	
	5,061,670	Oct. 29, 1991	Forquy et al.	585	500	
	5,072,063	Dec. 10, 1991	Langensee	570	236	
	5,087,791	Feb. 11, 1992	Magistro	585	657	
	5,097,083	Mar. 17, 1992	Stauffer	570	241	
	5,099,085	Mar. 24, 1992	Strasser et al.	570	245	
	5,113,027	May 12, 1992	Mainz et al.	570	224	
	5,114,702	May 19, 1992	Pederson et al.	423	639	
	5,137,862	Aug. 11, 1992	Mackrodt et al.	502	303	
	5,178,664	Jan. 12, 1993	Picard	75	300	
	5,179,215	Jan. 12, 1993	Ramachandran et al.	549	262	
	5,210,358	May 11, 1993	Magistro	585	500	
	5,227,549	Jul. 13, 1993	Correia et al.	570	243	
	5,232,889	Aug. 3, 1993	Blanchard et al.	502	263	
	5,262,547	Nov. 16, 1993	Ramachandran et al.	549	262	
	5,352,646	Oct. 4, 1994	Blanchard et al.	502	263	
	5,397,758	Mar. 14, 1995	Bouruetaubertot et al.	502	303	
	5,453,557	Sept. 26, 1996	Harley et al.	585	641	
	5,466,837	Nov. 14, 1995	Ramachandran et al.	549	533	
	5,492,878	Feb. 20, 1996	Fujil et al.	502	304	
17/1	5,496,528	Mar. 5, 1996	David et al.	423	263	
92/	5,510,546	April 13, 1996	Ito	570	236	

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and not considered. Include a copy of this form with next communication to Applicant.

November 12, 2003

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ATTY DOCKET NO.

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10/706,545

APPLICANT

Robert J. Gulotty Jr. et al.

FILING DATE GROUP

November 12, 2003 Unknown

U.S. PATENT DOCUMENTS CLASS FILING DATE SUB-NAME DATE **EXAMINER** DOCUMENT **CLASS** IF APPROPRIATE NUMBER 423 263 Yao et al. Dec. 3, 1996 5,580,536 Poncelet 427 343 5,599,588 Feb. 4, 1997 Chen et al. 570 230 Feb. 4, 1997 5,600,042 202 205 Mar. 4, 1997 Chen et al. 5,607,890 549 259 Acharya et al. Jul. 8, 1997 5,646,304 502 304 Ahn et al. 5,663,112 Sept. 2, 1997 Clegg et al 570 224 Sept. 2, 1997 5,663,465 641 585 5,663,472 Sept. 2, 1997 Benson et al. Viswanathan et al. 585 641 Jan. 6, 1998 5,705,728 224 Clegg et al Mar. 17, 1998 5,728,905 263 Jun. 9, 1998 Takatori et al. 423 5,762,894 570 224 June 9, 1998 Clegg et al 5,763,710 355 502 5,773,383 June 30, 1998 Suciu Chen et al. 502 217 Feb. 23, 1999 5,874,380 585 467 Chen et al. 5,877,371 Mar. 2, 1999 Moriya et al. 502 302 5,880,058 Mar. 9, 1998 502 308 Chopin et al. 5,883,037 Mar. 16, 1999 302 April 27, 1999 Wu et al. 502 5,898,014 570 243 Seo et al. 5,905,177 May 18, 1999 304 502 5,919,727 Jul. 6, 1999 Brezny 502 230 Alario et al. Jul. 13, 1999 5,922,639 302 502 Jul. 20, 1999 White et al. 5,925,590 502 527.14 5,935,897 Aug. 10, 1999 Trubenbach et al. 00 DATE CONSIDERED O **EXAMINER** 

Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE  IF APPROPRIATE
Call	5,935,898	Aug. 10, 1999	Trubenbach et al.	502	527.14	
	5,945,370	Aug. 31, 1999	Yokoi et al.	502	304	
	5,945,573	Aug. 31, 1999	Nappa et al	570	175	
	5,955,638	Sept. 21, 1999	Schoebrechts et al.	570	232	
	5,969,195	Oct. 19, 1999	Stabel et al.	568	700	
	5,972,827	Oct. 26, 1999	Petit et al.	502	225	
	5,972,830	Oct. 26, 1999	Yoshida et al.	502	304	
	5,994,260	Nov. 30, 1999	Bonneau et al.	502	304	
	6,002,019	Dec. 14, 1999	Tamhankar et al.	549	285	
	6,090,743	Jul. 18, 2000	Chopin et al.	502	302	
1	6,136,048	Oct. 24, 2000	Birchem et al.	44	354	
	6,165,931	Dec. 26, 2000	Rao	502	224	
	6,191,329	Feb. 20, 2001	Benje	570	243	
	6,194,345	Feb. 27, 2001	Mangnus et al.	502	224	
TI A	6,228,799	May 8, 2001	Aubert et al.	502	304	
	6,452,058	Sept. 17, 2002	Schweizer et al.	570	223	
7 /		FOR	EIGN PATENT DOCUMENTS			
9/1	01/38272	May 31, 2001	PCT			
	01/38273	May 31, 2001	PCT			
	01/38274	May 31, 2001	PCT			
	01/38275	May 31, 2001	PCT			
	01/42176	June 14, 2001	PCT			
1/1	02/094749	Nov. 28, 2002	PCT	//		
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2//	DOCUMENT	PUBLICATION	COUNTRY	CLASS	SUB-	TRANSLAT	TIO
24/	NUMBER	DATE			CLASS	i .	NO
	02/094750 A1	Nov. 28, 2002	PCT	+ 1	h		
	02/094751 A3	Nov. 28, 2002	PCT				
	02/094752	Nov. 28, 2002	PCT				
	1 039 369	Aug. 17, 1966	Great Britain				_
	1 040 962	Sept. 1, 1966	Great Britain				
	1 062 171	March 15, 1967	Great Britain				
	1 141 369	Jan. 29, 1969	Great Britain	C07C	19/02		
1	1 213 202	Nov. 25, 1970	Great Britain	C07C	21/06		
	1 343 724	Jan. 16, 1874	Great Britain				
	1 373 296	Nov. 6, 1974	Great Britain	C07C	17/10		
	1 475 358	June 1, 1977	Great Britain	C07C	17/15		
	1 492 945	Nov. 23, 1977	Great Britain				
	2 095 242	Sept. 29, 1982	Great Britain				
	2 101 596	Jan. 19, 1993	Great Britain			·	
.	237 058 A3	July 2, 1986	Germany (English Abstract)	-			X
=   -   -	0 162 457 B1	July 26, 1989	Europe	C07C	17/34		
	0 372 183 B1	Jan. 1, 1997	Europe	C07C	11/107		
1	0 667 845 B1	Jan. 14, 1998	Europe	C07C	17/154		
	0 720 975 A1	July 10, 1996	Europe	C07C	17/154		
9/1	1 594 693	July 17, 1970	France (English Abstract)			1	×

OTHER DISCLOSURES (Including Author, Title, Date, Perlinent Pages, Place of Publication, Etc.)

Au, C. T. et al.,	"The oxidative coupling of methane over BaCO-/LaOCI catalysts", APPLIED CATALYSIS A: GENERAL, Vol. 159
(1997) pp	

Chanaud, P. et al., "Catalytic Membrane Reactor for Oxidative Coupling of Methane. Part 1: Preparation and Characterization of LaOCI Membranes", CATALYSIS TODAY, Vol. 25 (1995) pp. 225-230

Chanaud, P. et al., "Study of Lanthanum-based Colloidal Sols Formation", JOURNAL OF MATERIALS SCIENCE, Vol. 29 (1994) pp. 4244-4251

EXAMINER

DATE CONSIDERED

\*EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.

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	ise Several Sheets if necessary)	November 12, 2003	Olikilowii		
- 1	OTHER DISCLOSURES (Including Author	or, Title, Date, Pertinent Pages, Place of Publication	ı, Etc.)		
SWI	Conner, Jr., Wm. Curtis et al., "The Oxyhydro Surface Analysis", APPLIED CATALYS	ochlorination of Methane on Fumed Silica-Based Co SIS, Vol. 11 (1984) pp. 59-71	ı, K, La Catalysts: III Bulk &		
7/	Stoichiometry*, APPLIED CATALYSIS,	orination of Methane on Fumed Silica-Based Cu, K , Vol. 11 (1984) pp. 49-58			
	Fells, lan, "The Kinetics of the Hydrolysis of t	the Chlorinate Methanes", FUEL SOCIETY JOURN	AL, Vol. 10 (1959) pp. 26-35		
	JOURNAL OF CATALYSIS, Vol. 99 (19	e Phase by Interaction with the Support in CuCl <sub>2</sub> On 986) pp. 12-18			
	Hydroxide Chlorides*, JOURNAL OF S	libria, and Crystal Chemistry of Lanthanum, Praseo OLID STATE CHEMISTRY, Vol. 17 (1976) pp. 55-6	0		
	Catalysts*, THE CHEMICAL SOCIETY	Ethane over Lanthanum-Substituted Layered Compl OF JAPAN, CHEMISTRY LETTERS (1997) pp. 90	1-902		
	Vol. 49, No. 24A (1994) pp. 4627-4637	re on the Oxyhydrochlorination of Methane", CHEM			
	Vol. 121, No. 1 (1995) pp. L13-L17	Chloride Catalysts for Oxychlorination of Propene*,			
	Noceti, Richard P. et al., "Advances in Metha SOCIETY, Washington, DC (1992) pp.	ane Oxyhydrochlorination Catalysts", PREPRINTS, 281-283			
	Olah, George A. et al., "Selective Monohalog	genation of Methane over Supported Acid or Platinu			
	Oxidative Conversion of Methane into I	umina-Supported Metal Oxide/Hydroxide Catalysts. Methyl Alcohol/Dimethyl Ether", AMERICAN CHEM	ICAL SOCIETY, Vol. 107,		
	Patent Abstracts of Japan Vol 004 No 190	) (26 December 1980) (Соптевропов to JP 55 1309:	23)		
	Synthesis*, APPLIED CATALYSIS, Vo	ation of Methane on Fumed Silica Based Cu <sup>+1</sup> , F II. 11 (1984) pp. 35-48			
	pp. 99-104	f Lanthanum and Neodymium Oxides", MATERIAL			
	CHEM. PHYS., Vol. 1 (1999) pp. 3157	sorption of Carbon Tetrachloride on Lanthanum and –3162			
	Weissermel, K. et al., INDUSTRIAL ORGAN	IIC CHEMISTRY, 2 <sup>ha</sup> Edition, VCH, Weinheim (199	3) pp. 168-175		
	comprising chloride of samarium, chro	rl chloride prepn. from propylene, hydrogen chloride mium, manganese or praseodymium*, Research Di	sclosure RD-1/5041,		
	"Process for Vinyl Chloride Manufacture from HCI", filed in the United States Received (Corresponds to WO 01/38272)	n Ethane and Ethylene with Secondary Reactive Co ing Office on May 14, 2002, USSN 10/130,105, App	licant: Mark E. Jones et al.		
	*Production of Vinyl Halide from Single Carb 10/130,105, Applicant: Mark E. Jones	oon Feedstocks*, filed in the United States Receivin et al. (Corresponds to WO 02/09749)			
	"Process for Vinyl Chloride Manufacture fror United States Receiving Office on Nov WO 02(094752)	m Ethane and Ethylene with Air Feed and Alternativ v. 11, 2003, USSN 10/477,502, Applicant: William D	. Clarke et al. (Corresponds to		
	*Dehydrogenation of Halogenated Alkanes U Office on May 14, 2002, USSN 10/130	Using Rare Earth Halide or Oxyhalide Catalyst", filed 0,106, Applicant: Larry N. Ito et al. (Corresponds to b	WO 01/38275)		
	*Oxidative Halogenation and Optional Dehyo Nov. 18, 2003, USSN 10/478,265, App	drogenation of C3+ Hydrocarbons*, filed in the Unite plicant: Albert E. Schweizer et al. (Corresponds to	of C3+ Hydrocarbons*, filed in the United States Receiving Office on ert E. Schweizer et al. (Corresponds to WO 02/094750)		
	"A Process for the Conversion of Ethylene to the United States Receiving Office on	o Vinyl Chloride, and Novel Catalyst Compositions May 14, 2002, USSN 10/130,104, Applicant: Mark	Useful for Such Process", filed in E. Jones et al. (Corresponds to		
	*Process for Vinyl Chloride Manufacture Fro the United States Receiving Office on WO 01/42176)	om Ethane and Ethylene with Partial HCI Recovery May 14, 2002, USSN 10/130,102, Applicant: John	P. Henley et al. (Corresponds to		
811	*Process for Vinyl Chloride Manufacture Fro the United States Receiving Office on	om Ethane and Ethylene with Partial HCI Recovery May 14, 2002, USSN 10/130,103, Applicant: Danie	From Reactor Effluent", filed in I A. Hickman et al. (Corresponds		
EXAMINER	2 (150 WO 01/38274)	DATE CONSIDERED 481	84		
*EXAMINER:		is in conformance with MPEP 609. Draw line through citation if not in conformance			
	and not considered. Include a copy of this form with next communication to Applicant.				